

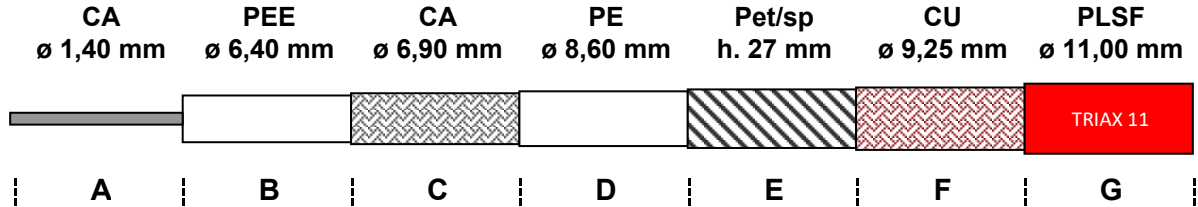


FABBRICA CAVI - ANTENNE - ACCESSORI TV



# TX 764

BROADCASTING TRIAXIAL VIDEO CABLE SDI AND HD-SD  
COMPLIANCE WITH CEI 20-11 CEI 20-22 / II CEI 20-35 I / II IEC 60332 I / II / III STANDARDS



## MECHANICAL DATA

<b>A</b>	<b>INNER CONDUCT.</b>	SILVERED COPPER	.....	ø 1,40 mm
<b>B</b>	<b>DIELECTRIC</b>	FOAM POLYETHYLENE	.....	ø 6,40 ± 0,15 mm
<b>C</b>	<b>1° BRAID</b>	SILVERED COPPER	.....	216 x 0,13 mm
		- COVERAGE	.....	92%
<b>D</b>	<b>1° SHEATH</b>	LOW DENSITY POLYETHYLENE	.....	ø 8,60 ± 0,10 mm
<b>E</b>	<b>NON-MIGRATING</b>	POLYESTER TAPE	.....	h. 27 mm
<b>F</b>	<b>2° BRAID</b>	PLAIN COPPER	.....	216 x 0,16 mm
		- COVERAGE	.....	92%
<b>G</b>	<b>2° SHEATH</b>	FLAME RETARDANT POLYVINYL-CHLORIDE	.....	ø 11,00 ± 0,18 mm
	- COLOUR	<b>RED - RAL 3000</b>		
	- PRINTING	<b>SIVA TRIAX 11 BROADCASTING CABLE CEI 20-22 II</b>		

### MINIMUM BENDING RADIUS ( mm )

- SINGLE	ø EXTERNAL X 5
- REPEATED	ø EXTERNAL X 10

TEMPERATURE RANGE -25 °C / +80 °C

### CABLE WEIGHT ( Kg/Km )

- COPPER	88,1
- PLASTIC	80,4
- TOTAL	169,3

## ELECTRICAL PROPERTIES at 20°C

<b>IMPEDANCE</b>	75 ± 3 Ohm
<b>CAPACITANCE</b>	56 pF/m
<b>VELOCITY RATIO</b>	80%

<b>RESISTANCE</b>	
- INNER CONDUCT.	11,5 Ohm/Km
- BRAID	6 Ohm/Km
- BRAID	5,8 Ohm/Km

### INSULATION RESISTANCE

- INNER CONDUCT. / 1° BRAID	>10 <sup>4</sup>	MOhm/Km
- 1° BRAID / 2° BRAID	>10 <sup>3</sup>	MOhm/Km

### ATTENUATIONS dB/100 m.

5 MHz	0,8	300 MHz	10,5	2150 MHz	32,7
10 MHz	1,1	600 MHz	15,6	2400 MHz	35,2
50 MHz	3,7	1000 MHz	20,6	2750 MHz	38,7
100 MHz	5,4	1500 MHz	26,6	3000 MHz	40,5

### STRUCTURAL RETURN LOSS dB

30 ÷ 300 MHz	>30	1000 ÷ 2000 MHz	>25
300 ÷ 600 MHz	>28	2000 ÷ 3000 MHz	>22
600 ÷ 1000 MHz	>26	..... ÷ .....	MHz -

### SCREENING EFFECTIVENESS dB

100 ÷ 900 MHz	>78
900 ÷ 2000 MHz	-
2000 ÷ 3000 MHz	-

The producer reserves himself to make modification on the item without any notice.